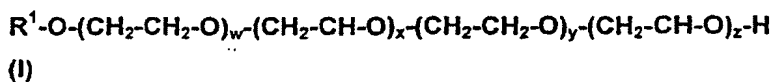


What is claimed is:

1. A machine dishwashing detergent comprising one or more builder(s), one or more surfactant(s), and 0.1 to 50% by weight of one or more nonionic surfactants which, at a concentration of 0.01 g/l in distilled water, have a diffusion coefficient of at least $9 \cdot 10^{-11} \text{m}^2 \text{s}^{-1}$.
2. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration of 0.01 g/l in distilled water, have a diffusion coefficient of at least $9.5 \cdot 10^{-11} \text{m}^2 \text{s}^{-1}$.
3. The machine dishwashing detergent of claim 2, wherein the nonionic surfactant(s), at a concentration of 0.01 g/l in distilled water, have a diffusion coefficient of at least $1 \cdot 10^{-10} \text{m}^2 \text{s}^{-1}$.
4. The machine dishwashing detergent of claim 3, wherein the nonionic surfactant(s), at a concentration of 0.01 g/l in distilled water, have a diffusion coefficient of at least $2.5 \cdot 10^{-10} \text{m}^2 \text{s}^{-1}$.
5. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration of 0.01 g/l in distilled water, have a diffusion coefficient of at least $5 \cdot 10^{-10} \text{m}^2 \text{s}^{-1}$.
6. The machine dishwashing detergent of claim 5, wherein the nonionic surfactant(s), at a concentration of 0.01 g/l in distilled water, have a diffusion coefficient of at least $1 \cdot 10^{-9} \text{m}^2 \text{s}^{-1}$.
7. The machine dishwashing detergent of claim 6, wherein the nonionic surfactant(s), at a concentration of 0.01 g/l in distilled water, have a diffusion coefficient of at least $5 \cdot 10^{-9} \text{m}^2 \text{s}^{-1}$.

8. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s) are present in amounts of from 0.5 to 40% by weight.
9. The machine dishwashing detergent of claim 8, wherein the nonionic surfactant(s) are present in amounts of from 1 to 30% by weight.
10. The machine dishwashing detergent of claim 9, wherein the nonionic surfactant(s) are present in amounts of from 2.5 to 25% by weight.
11. The machine dishwashing detergent of claim 10, wherein the nonionic surfactant(s) are present in amounts of from 5 to 20% by weight.
12. The machine dishwashing detergent of claim 1, comprising one or more surfactants of the general formula I:



in which R¹ is a straight-chain or branched, saturated or mono- or polyunsaturated C₆₋₂₄-alkyl or -alkenyl radical; each group R² and R³, independently of one another, is chosen from -CH₃, -CH₂CH₃, -CH₂CH₂-CH₃, CH(CH₃)₂ and the indices w, x, y, z, independently of one another, are integers from 1 to 6.

13. The machine dishwashing detergent of claim 12, wherein R¹ is an alkyl radical having 6 to 24 carbon atoms.

14. The machine dishwashing detergent of claim 13, wherein R^1 is an alkyl radical having 8 to 20 carbon atoms.
15. The machine dishwashing detergent of claim 14, wherein R^1 is an alkyl radical having 9 to 15 carbon atoms.
16. The machine dishwashing detergent of claim 15, wherein R^1 is an alkyl radical having 9 to 11 carbon atoms.
17. The machine dishwashing detergent of claim 12, wherein R^2 and R^3 are a radical $-CH_3$, w and x, independently of one another, are values of 3 or 4 and y and z, independently of one another, are values of 1 or 2.
18. The machine dishwashing detergent of claim 13, wherein R^2 and R^3 are a radical $-CH_3$, w and x, independently of one another, are values of 3 or 4 and y and z, independently of one another, are values of 1 or 2.
19. The machine dishwashing detergent of claim 1, wherein it comprises the builder(s) in amounts of from 5 to 90% by weight.
20. The machine dishwashing detergent of claim 19, wherein it comprises the builder(s) in amounts of from 7.5 to 85% by weight.
21. The machine dishwashing detergent of claim 20, wherein it comprises the builder(s) in amounts of from 10 to 80% by weight.

22. The machine dishwashing detergent of claim 1, comprising one or more enzymes in amounts of from 0.01 to 15% by weight.
23. The machine dishwashing detergent of claim 22, wherein it comprises the enzymes in amounts of from 0.1 to 10% by weight.
24. The machine dishwashing detergent of claim 23, wherein it comprises the enzymes in amounts of from 0.5 to 6% by weight.
25. The machine dishwashing detergent of claim 1, comprising one or more bleaches in amounts of from 1 to 40% by weight.
26. The machine dishwashing detergent of claim 1, comprising one or more bleaches in amounts of from 2.5 to 30% by weight.
27. The machine dishwashing detergent of claim 1, comprising one or more bleaches in amounts of from 5 to 20% by weight.